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By C. B. Davenport

Eugenics Record Office

BULLETIN No. 6

THE TRAIT BOOK

By C. B. DAVENPORT

With a Colored Frontispiece and One Text Figure

COLD SPRING HARBOR, N. Y.
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1. PIGMENT OF CHOROID COAT AND PIGMENT OF IRIS ABSENT. 1. THE ALBINO eye. Red from unobscured blood vessels.

2. PIGMENT OF CHOROID PRESENT.

a. IRIS WITHOUT TRUE PIGMENT. 2. BLUE. Due to a purple layer on back of eye.

β. IRIS WITH TRUE PIGMENTS.

a. Lipochroma or yellow pigment. 3. GREEN or cat eye. Yellow pigment on blue background.

b. Melanic or black pigment. 4. HAZEL or gray eye. Dilute brown pigment around pupil only.

5. BROWN eye. Melanic pigment; various shades from various dilutions.

6. BLACK eye. An abundance of melanic pigment.

EYE COLORS IN MAN

THE TRAIT BOOK

In the study of human heredity it has first of all to be recognized that progress will be made only as traits are studied one at a time. The modern science of heredity, indeed, seeks as the element of study the "unit character." What are unit characters can, however, be told only by breeding experiments in which the true units reveal themselves as relatively, if not absolutely, constant, unalterable, indivisible things. On the other hand, many apparently simple traits are shown by "hybridization" or the mating of unlike parents, to be complexes of unit characters. The first step in the resolution of human traits is, then, a primary rough analysis into fairly simple traits and, secondly, the study of the behavior of these traits in heredity. It is the purpose of this list to afford a list based on such a rough analysis.

Aside from its possible value in the analysis of human heritable characters this list has been called forth by two very practical needs. The Eugenics Record Office is collecting data concerning human inheritance and indexing the data collected. The need early arose for a list of traits that were to be indexed, and also, for the "field workers" of a list of traits whose inheritance they were to study on the field. Particularly was it found that the reports of field workers at the beginning of their work, and for some time thereafter suffered, from a paucity of vocabulary. Persons were returned as "smart," or "defective," or "feeble-minded," or "peculiar." In some cases no further analysis was possible, but in most cases the vagueness of the terminology was due to an insufficiency of vocabulary and lack of appreciation of the possible content of the situation. This deficiency it is hoped the present booklet will help supply. In the second place, in the work of indexing data, it was found to be necessary to adopt a standard list of traits. The following is the list in use.

The arrangement of the traits has been given much attention. A logical and an alphabetical classification are both necessary and both are afforded in this list. It was early decided to assign class numbers to the traits to save time in reference. The advantages of a decimal classification seemed to the compiler obvious enough to warrant its use here. Ten fundamental classes are erected and the traits arranged in each of them in ten divisions and subdivided in the same way. To allow of expansion all classification divisions are not always utilized. Indeed, as a tentative list to which it is expected additions will be made, ample space for expansion in the form of double leading and the wide margins is provided. The criticism may be made that not all the traits, especially the diseases, given here have

any hereditary basis. It is not affirmed that this is the case and yet it can not be denied that all have an hereditary basis. Even tuberculous, syphilis, and the plague are the product of a specific germ acting on a susceptible protoplasm and it is this susceptibility that is the inheritable factor. In any case this list of diseases is to be used to discover in how far diseases have an inheritable basis.

In the hope that not only the Eugenics Record Office and its field workers, but also collaborators and State and institution recording officers may find this list of value, and soliciting criticism, this book is sent forth.

CHAS. B. DAVENPORT.

Cold Spring Harbor, Jan. 1, 1912.

ACKNOWLEDGMENTS

In preparing this list of traits use has been made of preëxisting lists that seemed adapted to its purpose. The Section 08, General Diseases, is taken from the corresponding section of the International Classification of Causes of Sickness and Death (Bureau of the Census, Washington, 1910). The numbers assigned to terms in that list have been used here with the prefix 08, except that it seemed desirable, for practical purposes, to have 083 and its subdivisions (as far as 0835) stand for tuberculosis in its different forms, and 084 and subdivisions for cancer. This involves, also a new assignment of numbers, 47 to 50, which in this list become 0850 to 08506. The section 09, Occupations, is based on the list employed by the Census Bureau, but special adaptations to the needs of our system of classification have been freely made. Under Criminality, 35, the Government classification is the basis of ours. Section 4, Mental Traits, has caused much thought and is extremely tentative. It was submitted to two busy psychologists, Professor E. L. Thorndike and Professor R. M. Yerkes, and while they made valuable suggestions they are in no way responsible for the crudities of the list. In the lists of diseases the census nomenclature is closely followed, but some synonyms are given and indexed. After this list was prepared we had access to the latest edition of the Census publication, "Manual of the International List of Causes of Death, 1911."

The index was prepared by Mr. W. F. Blades, Editorial Secretary at the Eugenics Record Office.

PART I. LIST OF TRAITS

SYNOPSIS OF CLASSIFICATION

- 0 —General Traits
- 08—General Diseases
- 09—Occupations
- 1 —Integumentary System
- 2 —Skeletal System
- 25—Muscular System
- 3 —Nervous System
- 35—Criminality
- 4 —Mental Traits
- 43—Movements
- 5 —Sense Organs
- 6 —Nutritive System
- 7 —Respiratory System
- 8 —Circulatory System
- 85—Lymphatic System
- 9 —Excretory System
- 94—Reproductive System

MARGINAL SIGNS.

The direction: "Record" applies to the work of indexing data.

* Record all affected persons whenever the disease occurs in two persons of one family.

† Record all affected persons whenever the disease occurs in four persons in the family.

‡ Record all persons who have been twice affected with this disease.

D Do not record the unaffected ancestors of an affected person. Field workers and collaborators should extend pedigrees of this trait back, along the "*direct line*" of ancestry, as far as possible.

R Record birthplace and maiden names of female relatives (as well as male) of affected person or person with the trait. Field workers and collaborators should extend these pedigrees as far as possible to *collateral* branches.

0. GENERAL TRAITS

- 01 —DEVELOPMENT
- R** 012 —Retarded
- 014 —Normal
- 016 —Accelerated
- 02 —ADULT STATURE { Record all Males Females
- R** 022 —Gigantism-Acromegaly { over 75" (190 cm) 70" (178 cm)
- 024 —Dwarfism { under 63" (160 cm) 50" (127 cm)
- 03 —ADULT WEIGHT { Record all Males Females
- R** 032 —Obesity-corpulency { over 200 lbs (90 kg) 155 lbs (70 kg)
- 034 —Slenderness { under 135 lbs (60 kg) 100 lbs (45 kg)
- D** 035 —Short and Stout
- DR** 036 —Tall and Stout
- DR** 037 —Short and Slim
- R** 038 —Tall and Slim
- 042 —Physical Activity (Record matings low and high and low and low)
- 043 —Physical Strength (Record matings low and high and low and low)
- 044 —Physical Beauty
- 048 —Bilateral Movements
- 0482 —Arm Folding, right hand
- over left arm
- 0483 — under left arm
- 0484 —Hand clasping, uppermost thumb
- right
- 0485 — left
- 0486 —Finger clasping, uppermost thumb
- right
- 0487 — left
- 05 —FECUNDITY
- 051 —Size of Family (Record all over 10 children)
- 053 —Twinning (Record all twins)
- 0532 —Identical Twins
- 0534 —Reciprocal Twins
- 0536 —Cosmobia

- 06 —Consanguinity in Marriage
- 07 —VITALITY
- 072 —Still Birth
- 074 —Marasmus, infantile wasting
- † 075 —Infant Deaths—Under two years
- 077 —Longevity Record:—
- 0772 —Great—At least 5 of gr. parents and
parents attain 50 years
- 0774 —Slight—At least 5 of gr. parents
and parents fail to attain 50 years
- 0776 —Extreme—Every person attaining
90 years

08. GENERAL DISEASES.

- *† 0801 —Typhoid fever
- *† 0802 —Typhus fever
- 0803 —Relapsing fever
- † 0804 —Malaria, intermittent fever, remit-
tent fever
- †† 0805 —Small pox
- † 0806 —Measles
- †† 0807 —Scarlet fever
- † 0808 —Whooping cough
- †† 0809 —Diphtheria, membranous croup
- †† 08095—Croup
- † 0810 —Influenza
- 0811 —Miliary fever
- *† 0812 —Asiatic cholera
- * 0813 —Cholera nostras
- 0814 —Dysentary
- * 0815 —Plague, bubonic
- * 0816 —Yellow fever
- * 0817 —Leprosy
- *† 0818 —Erysipelas
- 0819 —Other epidemic diseases
- † 08192—Mumps
- † 08194—German measles
- * 0820 —Septicæmia, pyæmia, infection, sep-
tic infection

- * 0821 —Glanders
- * 0822 —Anthrax
- * 0823 —Rabies, hydrophobia
- * 0824 —Tetanus
- * 0825 —Mycoses
- * 0826 —Pellagra
- * 0827 —Beriberi
- R†† 083 —TUBERCULOSIS
- 08311—Tuberculosis of lungs, phthisis,
pneumonia, consumption
- * 08312—Acute miliary tuberculosis, or gal-
loping consumption
- * 08313—Laryngeal tuberculosis
- * 08314—Tuberculous meningitis
- 08315—Lupus, skin tuberculosis
- * 08316—Abdominal tuberculosis, tubercu-
lous peritonitis
- * 0832 —Pott's disease, spinal tuberculosis
- * 0833 —White swellings, tuberculosis of the
joints
- * 0834 —Tuberculosis of other organs (see
also other organs)
- * 0835 —Disseminated tuberculosis, scrofula
- * 0836 —Rickets
- * 0837 —Syphilis
- * 0838 —Gonococcus infection
- R 084 —CANCER
- R 0841 —Of alimentary tract
- R* 08411—Buccal cavity, smoker's cancer
- R* 08412—Stomach, liver, pylorus
- R* 08414—Intestines, rectum
- R 08415—Peritoneum
- R 08416—Bladder
- R* 0842 —Female genital organs
- R* 0843 —Breast
- R* 0844 —Skin, epithelioma
- R 0845 —Lip
- R 0846 —Face
- R 0847 —Eye
- * 0849 —Tumors—Classify by organ affected

085 —RHEUMATISM

- * 08501—Rheumatism, acute muscular
- * 08502—Rheumatism, chronic; Arthritis de-
formans
- * 08503—Gout
- * 08504—Scurvy
- * 08505—Diabetes mellitus
- D** 08506—Diabetes insipidus
- * 08508—Seasickness
- * 0851 —Exophthalmic goitre
- * 0852 —Addison's disease, bronze disease
- * 0853 —Leukæmia—Hodgkin's disease
- * 0854 —Anemia
- 08542—Pernicious anemia
- 08544—Chlorosis
- 0855 —Toxemia, infectious fever
- 08555—Fatty degeneration
- 0856 —Alcoholism
- 0858 —Chronic occupational poisonings
- 0859 —Other chronic poisonings, drug
poisonings, nicotinism

09. OCCUPATIONS.

091 —AGRICULTURAL PURSUITS

- 0911 —Farmers and planters
- 0912 —Gardeners, florists, nurserymen
- 0913 —Dairymen and dairywomen
- 09135—Apiarists
- 0914 —Horse raisers
- 0915 —Poultry raisers
- 0916 —Cattle and other stock raisers
- 0917 —Lumbermen, etc.
- 0918 —Agricultural laborer
- 0919 —Other agricultural pursuits
- 092 —PROFESSIONAL SERVICE

0921 —ENTERTAINERS

- 09211—Actors
- 09212—Showmen
- 09213—Theatrical managers, etc.

- 09214—Instrumental musicians
- 09215—Singers
- 09216—Dancers
- 0922 —ARTISTS, ETC.
- 09221—Architects
- 09222—Designers and draftsmen
- 09223—Sketch artists
- 09224—Painters
- 09225—Sculptors
- 0923 —MEDICAL MEN
- 09231—Physicians
- 09232—Ophthalmologists
- 09233—Aurists
- 09234—Neurologists
- 09235—Pediatrists
- 09236—Orthopedists
- 09237—Surgeons (other)
- 09238—Dentists
- 09239—Veterinarians
- 0924 —ENGINEERS
- 09241—Civil
- 09242—Surveyors
- 09243—Mechanical
- 09244—Electrical
- 09245—Sanitary
- 09246—Mining
- 09247—Chemical, and chemists and metal-
lurgists
- 09248—Inventors
- 09249—Other engineers
- 0925 —LAWYERS AND POLITICIANS
- 09251—Corporation lawyers
- 09252—Criminal lawyers
- 09253—Pleaders and orators
- 09254—Judges
- 09255—Officials of government
- 09259—Other politicians
- 0926 —LITERARY PERSONS
- 09261—Authors
- 09262—Journalists

- 09265—Librarians
- 0927 —Clergymen
- 0929 —Other professions
- 093 —TEACHERS AND INVESTI-
GATORS
- 0931 —Language and literature
- 0932 —Humanities
- 09321—History
- 09322—Politics
- 09323—Economics
- 09324—Sociology
- 09325—Business
- 09327—Philosophy
- 09328—Education
- 0933 —Fine arts
- 0934 —Mathematics
- 0935 —Astronomy
- 0936 —Physics, chemistry and engineering
- 0937 —Biology
- 09375—Anthropology
- 0938 —Geology, mineralogy and metal-
lurgy
- 0939 —Other subjects
- 094 —DOMESTIC AND PERSONAL
SERVANTS
- 0941 —General laborers
- 0942 —House servants, janitors, waiters
- 0943 —Watchmen, police, firemen
- 0944 —Soldiers
- 0945 —Nurses and midwives
- 0946 —Laundrymen and laundrywomen
- 0947 —Caterers, keepers of hotels, board-
ing houses, keepers saloons,
restaurants
- 0948 —Barbers and hairdressers
- 0949 —Others
- 095 —TRADE
- 0951 —Merchants and dealers
- 0952 —Clerks and copyists and mail
carriers

- 0953 —Messengers, errand boys, etc.
- 0954 —Stenographers and typists
- 0955 —Telephone and telegraph operators
- 0957 —Salesmen and saleswomen
- 0958 —Undertakers
- 096 —TRANSPORTATION
- 0961 —Hucksters and peddlers
- 0962 —Draymen, hostlers and stable
keepers
- 0963 —Shipping clerks and porters
- 0964 —Boatmen and sailors
- 0965 —Employees of steam and trolley
lines
- 097 —MANUFACTURING PURSUITS
- 0971 —MINERAL PRODUCTS
- 09711—Brick and tile makers
- 09712—Potters
- 09713—Glassworkers
- 09714—Stone cutters
- 09715—Miners and quarrymen
- 09716—Oil work
- 09717—Chemical work
- 0972 —ANIMAL PRODUCTS
- 09721—Fishing
- 09722—Leather workers
- 0973 —METAL MANUFACTURERS
- 09731—Blacksmiths and workers in iron
and steel
- 09732—Machinists
- 09733—Tool workers
- 09734—Wheelwrights
- 09735—Wire workers
- 09736—Clock and watch workers
- 09737—Gold and silver workers
- 09739—Other metal workers
- 0974 —BOOK MANUFACTURERS
- 09741—Binders
- 09742—Lithographers
- 09743—Electrotypers and stereotypers
- 09744—Compositors

- 09749—Other book manufactories
- 0975 —FOOD PREPARERS
- 09751—Bakers
- 09752—Butchers
- 09753—Confectioners
- 09754—Millers
- 09755—Canners
- 09756—Bottlers of beverages
- 09757—Brewers and distillers
- 09759—Other food preparers
- 0976 —WOOD WORKERS
- 09761—Cabinet makers
- 09762—Coopers
- 09763—Basket makers
- 09764—Piano makers
- 09765—Saw-mill workers
- 0977 —TEXTILE OPERATORS
- 09771—Mill and bleachery operators
- 09772—Lace makers
- 09773—Dressmakers
- 09774—Seamstresses
- 09776—Hat makers
- 09777—Milliners
- 09778—Tailors
- 09779—Other textile operators
- 0978 —MISCELLANEOUS INDUSTRIES
- 09781—Manufacturers and officials
- 09782—Charcoal, coke and lime burners
- 09783—Stationary engineers and firemen
- 09784—Photographers
- 09785—Glove makers
- 09786—Model and pattern makers
- 09787—Tobacco operators
- 09788—Broom and brush makers
- 0979 —OTHER INDUSTRIES
- 09791—Artificial flower makers
- 09792—Butter makers
- 09793—Candle makers
- 09794—Piano and organ tuners
- 09795—Straw workers

- 09796—Turpentine distillers
- 09797—Umbrella makers
- 09798—Well borers
- 09799—Others
- 098 —BUILDING TRADES
- 0981 —Carpenters
- 0982 —Masons
- 0983 —Painters
- 0984 —Paperhangers
- 0985 —Plasterers
- 0986 —Plumbers and steam fitters
- 0987 —Roofers and slaters
- 0989 —Other mechanics
- 099 —OTHER OCCUPATIONS

1. INTEGUMENTARY SYSTEM

(Record § only when all of family: ff, fm, mf, mm, f and m and children are alike)

- 11 —SKIN
- 112 —Thickness
- 113 —Tylosis
- 114 —Keratosis
- 1145 —Horns
- 116 —Transparency, peculiarities in
- 117 —Circulation, peculiarities in
- 12 —PIGMENTATION
- 122 —Melanism
- D** 1220 —Negroid
- DR** 1221 —Mezzotint
- D§** 1222 —Brunet
- DR§** 1223 —Intermediate
- R§** 1224 —Blond
- DR** 1225 —Mulattoes
- R** 124 —Albinism
- 1242 —Partial
- 1244 —Total
- DR** 126 —Xanthism (reddish-yellow pigmentation)
- 127 —Freckling

- 13 —PAPILLARY RIDGES
 131 —Finger prints
 132 —Palm lines
 14 —HAIR
 141 —GENERAL
R 1415 —Hypertrichosis—heavy growth of hair
R 1417 —Hairlessness
 142 —FORM
D 1422 —Wooly
D 1424 —Curly
DR 1426 —Wavy
R* 1428 —Straight
 144 —Abnormal forms of hair
D 1442 —Monilithrix—beaded hair
 146 —HAIR COLOR (Table I)

TABLE I.

HAIR COLOR TABLE. (*Rept. Brit. A. A. Sci., 1908*).
 SYSTEM A SYSTEM B, *preferred*

B L O N D	{	Light yellow	F A	{	Yellow
		Whitish yellow			Flaxen
	{	Ash blond	I R	{	Lightest browns
		Gray yellow			Pale auburns
	{	Gray brownish		{	(with red inconspicuous)
		Light brownish			
	{	Red blond			
R E D	{	Fiery red	R E D	{	All shades red which approach more nearly to red than brown, yellow or flax
B R O W N	{	Brown	B R O W N	{	Numerous shades of brown answering nearly to French chatain and chatain-clair
		Dark brown			
	{	Darkest brown			
B L A C K	{		D A R K	{	French brun, darkest chatain up to
			N I G E R	{	Darkest brown Jet black

- D*** 1461 —Black
- *** 1462 { Dark brown
Med. brown
Lt. brown
Yellow brown
- R** 1463 —Flaxen
- R** 1464 —White
- R** 1465 { Dark brown red
Dark red
Bright red
- 14662—Darkening with age
- 14664—Darkening after graying
- 14666—Darkening after disease
- 1467 —Graying
- 14672—Premature
- 14674—With age
- 14676—Absence of
- 148 —HAIRINESS
- 1480 —Areas
- *** 1481 —Scalp, peculiar
- 1482 —Face
- 14821—Eyebrows
- 148211—Heavy
- 148212—Sparse
- 148213—Long haired
- 148214—Short haired
- 148215—Uniting above nose
- 148216—Absent
- 14822 —Eyelashes
- 148222—Long
- 148224—Short
- 148226—Absent
- 14823 —External auditory meatus
- 14824 —Anterior Nares
- 14825 —Upper lip
- 148252—Amount
- 148254—Color
- 14826 —Chin
- 14827 —Cheeks
- 1483 —Arms

- 1484 —Axilla
- 1485 —Trunk
- 1486 —Pubes
- 1487 —Legs
- 16 —SKIN GLANDS
- 162 —Sebaceous
- 1622 —Absence
- 164 —Secretions
- 1642 —Quality
- 1644 —Quantity
- 166 —Mammary
- 1662 —Number
- 16622—Absence
- 16624—Polymastism
- 1664 —Position
- 1666 —Secretions
- 16662—Quality
- 16665—Quantity
- 18 —NAILS
- 181 —Malformation
- 182 —Absence of
- 183 —Shedding
- 19 —DISEASES: SUSCEPTIBILITY
TO
- 192 —Baldness—alopecia
- 1922 —Local
- 1924 —General
- 1926 —Premature
- 1928 —Senilis
- 193 —Eczema
- 1932 —Gouty eczema
(See tuberculosis of skin, 0915)
- D** 194 —Epidermolysis bullosa, dermatitis
bullosa
- 195 —Gangrene, noma
- 196 —Herpes, fever blisters, cold sores
- 1962 —Psoriasis, itch
- 1965 —Ichthyosis
- 197 —Birthmarks
- D** 1975 —Telangiectases, nevus

- 198 —Warts and moles
(Erysipelas, 0918)

2. SKELETAL SYSTEM

- 20 —GENERAL
- 201 —Large-boned
- 202 —Intermediate
- 203 —Small-boned
- 204 —Flexible-boned
- 205 —Rigid-boned
- 206 —Brittle-boned
- 207 —Anchyloses, stiffness of joints
- 209 —Exostoses, bony growths
- 21 —APPENDICULAR SKELETON
- D** 210 —Polydactylism, extra digits
- D** 211 —Syndactylism, lobster-claw, webbed fingers
- D** 212 —Absence of fingers
- 213 —Double jointedness of fingers
- 214 —Brachydactyly, short-fingeredness
- 215 —Relative length of fingers
- 216 —Crookedness of toes or fingers
- 217 —Sinisterity—left handedness
- 218 —Ambidexterity
- 219 —Short limbs
- 22 —CRANIAL
- 221 —Hydrocephaly, water on the brain
- 222 —Microcephaly
- 223 —Brachycephaly (broad, short headed)
- 224 —Mesocephaly
- 225 —Dolichocephaly (narrow, long headed)
- 226 —Chamæprosipes (short, low face)
- 227 —Leptopsopes (long, high face)
- 228 —Chamæcephaly, receding forehead
- 229 —Prognathism
- 23 —VERTEBRAL
- 231 —Spina bifida

- 232 —Scoliosis, lateral curvature of spine.
- 233 —Kyphosis, backward curvature of spine, hump-back
- 234 —Lordosis, forward curvature of spine
- 235 —Longicoccyx.
- 236 —Ribs (variation in form or number)
- 24 —GIRDLE
- 242 —Shoulder girdle
- 243 —Clavicles (absence or deformed)
- 244 —Scapula ("scaphoid," etc.)
- 246 —Pelvic girdle

25. MUSCULAR SYSTEM

- 25 —GENERAL
- D** 252 —Muscular atrophy
- R** 254 —Muscular rigidity, slow reaction (Thomsen's disease)—myotomia congenita
- 255 —Ataxia
- 256 —Trembling (see also nervous system, paralysis agitans, 335) [rheumatism (see 095)]
- 26 —SUPERFICIAL
- 262 —Wrinkling
- R** 264 —Hernia
- 27 —FACIAL
- 271 —Wrinkles
- 272 —Frowns
- 273 —Functioning scalp muscles
- 274 —Special muscles
- 275 —Chin dimple
- 276 —Cheek dimple
- 28 —NOSE
- 281 —Platyrrhinia—broad nose
- 282 —Mesorhinia
- 283 —Leptorhinia—long nose
- 284 —Aquiline—Roman nose
- 285 —"Pug"

- 29 —EXTERNAL EAR—PINNA
 291 —Helix
 2911 —Descending helix
 2912 —Transverse helix
 2913 —Inner helix
 2914 —Darwinian tubercle
 2915 —Navicular fossa
 292 —Antihelix
 2922 —Upper ramus
 2924 —Lower ramus
 2926 —Oval fossa, elevation, relative to helix
 293 —Lobule
 2932 —Adherency
 2934 —Lobular fold
 2936 —Antitragus
 2938 —Intertragial fossa
 294 —Tragus
 295 —Upper concha
 297 —Lower concha
 299 —General position

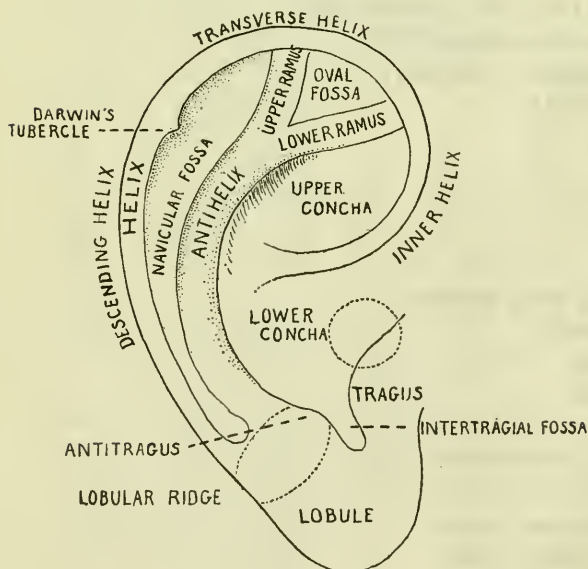


Fig. 1.

3. NERVOUS SYSTEM

- 30 —GENERAL
- R** 301 —Convulsions
- 3012 —Infantile
- 302 —Neuralgia, neuritis
- 31 —BRAIN AND SPINAL CORD,
GENERAL
- 311 —Congenital malformation
- R** 312 —Anencephaly
- 313 —CONSTITUTIONAL INFERIORITY
- R** 3131 —Idiocy
- R** 3132 —Imbecility, F
- R** 3134 —Feeble-mindedness, F
- DR** 3137 —Backwardness, moronia
- R** 314 —Epilepsy, E
- DR** 316 —INSANITY, I
- 3160 —Puerperal
- 3161 —Arteriosclerotic insanity
- R** 3162 —Dementia præcox
- R** 3163 —Melancholia, involutional
- R** 3164 —Manic-depressive insanity
- 3165 —Paranoia
- 3166 —Senile dementia
- 3167 —General paralysis—paresis; brain
syphilis
- 3168 —Delirium tremens, alcoholic insanity
- 3169 —Traumatic insanity
- 317 —CONSTITUTIONAL PSYCOPATHIC
STATE
- 3171 —Narcotism
- 3172 —Nymphomania
- 3174 —Sex immorality, Sx
- 3176 —Sex perversion
- 318 —NEUROTIC CONDITION
- 3181 —Chorea—St. Vitus' dance
- 31812—Huntington's chorea
- 3183 —Hysteria
- 3184 —Migraine, M
- 3185 —Wanderlust, W

- 3187 —Eccentricity
- 319 —IMPEDIMENT IN SPEECH
- 3191 —Stammering
- 3192 —Stuttering
- 3194 —Lisping
- 321 —Cerebral hemorrhage
- 322 —Cerebral abcess
- 323 —Softening of the brain
- 324 —Encephalitis
- 325 —Meningitis
- 326 —Locomotor ataxia
- 327 —Myelitis
- 328 —Poliomyelitis (infantile paralysis)
- 33 —SPINAL NERVES
- DR** 331 —Sclerosis
- 332 —Hematomyelia
- 334 —Spinal paralysis
- 335 —Paralysis agitans
- R** 336 —Paralysis of infancy, Friedreich's
disease, progressive muscular at-
rophy. See 252
- 341 —PARALYSIS (unspecified)
- 3412 —Senile paralysis
- 3414 —Hemiplegia
- 3415 —Facial paralysis
- 3416 —Paraplegia
- R** 35 —CRIMINALITY
- 351 —CRIME AGAINST CHASTITY
- 3511 —Adultery
- 3512 —Bigamy and polygamy
- 3513 —Crime against nature
- 3514 —Fornication
- 3515 —Incest
- 3516 —Prostitution
- 3517 —Seduction
- 352 —CRIME AGAINST PUBLIC POLICY
- 3521 —Counterfeiting
- 3522 —Disorderly conduct
- 3523 —Drunkenness
- 3524 —Incorrigibility

- 3525 —Perjury
- 3526 —Truancy
- 3527 —Violating liquor laws
- 3528 —Violating U. S. laws
- 3529 —Vagrancy
- 353 —CRIME AGAINST THE PERSON
- 3531 —Assault
- 3532 —Homicide
- 3533 —Rape
- 3534 —Robbery
- 3535 —Suicide
 - 1—By poison
 - 2—By hanging
 - 3—By shooting
 - 3535 } 4—By drowning
 - 5—By jumping
 - 6—By cutting or stabbing
 - 9—By other means
- 354 —CRIME AGAINST PROPERTY
- 3541 —Arson
- 3542 —Burglary
- 3543 —Embezzlement
- 3544 —Fraud
- 3545 —Forgery
- 3546 —Larceny
- 3547 —Malicious mischief and trespass

4. MENTAL TRAITS

In descriptions of mental traits it will be found useful to attempt to assign grades to qualities as follows:

1. Lowest grade or absence, say 1 per 1,000 of the whole population.
2. Distinctly below the average—1 in 50.
3. Average or ordinary grade.
4. Distinctly above the average—1 in 50 or more.
5. Highly exceptional grade—1 in 1,000 of the whole population.

41 —INTELLECTUAL FACULTIES

410 —GENERAL MENTAL ABILITY

411 —Attention

412 —Comparison

413 —Curiosity

414 —IMAGINATION

4141 —Matter-of-fact

4143 —Phantastic

4145 —Romantic

4147 —Visionary

4148 —Suggestiveness (unconscious cerebration)

415 —MEMORY vs amnesia

4152 —Retentiveness

4154 —Logicalness

4156 —Selectiveness

416 —ORGANIZATION

4162 —Analysis

4165 —System

417 —REASONING AND LOGICALNESS

4172 —Causation

4174 —Reflection

4176 —Relation, sense of:

41761—Language

41762—Locality

41763—Number

41764—Order

41765—Time

41766—Tune

418 —Judgment

419 —SENSE-PERCEPTION

4190 —General

4191 —Temperature

4192 —Weight

4193 —Touch

4194 —Taste

4195 —Smell

4196 —Sight

4197 —Sound (tone-deafness?)

4199 —Sense-Imagery

- 42 —FEELINGS
- 421 —GENERAL TASTES
- 4211 —Love of beauty
- 42112 —Of form
- 42114 —Of color
- 42116 —Of rhythm
- 4212 —Detail vs generalization
- 4213 —Excitement vs quiet
- 4214 —Knowledge vs lack of intellectual interests
- 4215 —Ludicrousness vs absence of sense of humor
- 4216 —Sublimity vs stolidity
- 4217 —Truth vs deception
- 422 —SPECIAL PHOBIAS
- 4222 —Dirt
- 4224 —Fire, etc.
- 423 —TASTES FOR SPECIAL OCCUPATIONS
(Enter under Occupations) ; also
- 4231 —Study
- 4232 —Reading
- 42322 —General literature
- 42324 —Poetry
- 42326 —Prose
- 423261—Artistic
- 423262—Historical
- 423263—Philosophical
- 423264—Religious
- 423265—Scientific, etc.
- 42328 —Language
- 4233 —Mathematics
- 42333 —Mathematical problems
- 42335 —Statistics
- 4234 —Form and color work
- 42343 —Drawing
- 42345 —Modeling
- 42347 —Painting
- 4235 —Music and rhythm
- 42352 —Singing
- 42355 —Playing musical instruments

- 42357 —Dancing
- 4236 —Mechanical work
- 42361 —Manual work
- 42363 —Mechanism
- 42365 —Inventiveness
- 4237 —Play and athletics
- 4239 —Life in special environments
- 42391 —Home life
- 42392 —Rural life
- 42393 —Urban life
- 42394 —Life on seas vs the land
- 42395 —Travel } vs home-staying
- 42396 —Exploration }
- 42397 —Military life
- 424 —SPECIAL PLEASURES OR PASSIONS
- 4241 —Eating
- 4242 —Taking stimulants
- 42421 —Use of Tobacco
- 42422 —Use of Alcohol
- 42423—Use of narcotics
- 4243 —Gambling
- 4244 —Money
- 42442—Getting
- 42444—Hoarding
- 4245 —Power, social
- 4247 —Sex indulgence
- 425 —EGOISTIC
- 42511—Anger (liability to) vs unruffledness
- 42512—Anxiousness vs lightheartedness
- 42513—Boldness vs timidity
- 42514—Conceit vs humility
- 42515—Confidence vs despair
- 42516—Contemptuousness vs respectfulness
- 42517—Elation vs depression
- 42518—Euphoria vs dread
- 42520—Egoistic love
- 42521—Love of action
- 42522—Love of approbation
- 42523—Love of sympathy
- 42524—Love of power

- 42531—Self-confidence (in judgments)
- 42532—Sensitiveness
- 42541—Pride
- 42542—Vanity
- 426 —SOCIAL
- 42612—Amativeness vs frigidness
- 42615—Benevolence vs malevolence
- 42617—Envy vs unenviousness
- 42618—Faith vs doubt
- 42625—Jealousness vs unjealousness
- 42627—Love vs hatred
- 42632—Openness vs secretiveness
- 42635—Philoprogenitiveness
- 42642—Trustfulness vs suspiciousness
- 42645—Respect vs disrespect
- 42647—Reverence vs irreverence
- 42652—Sympathy vs coldness
- 42655—Tenderness vs hardheartedness
- 43 —MOVEMENT; BEHAVIOR
- 431 —GENERAL TYPE OF MOVEMENT
- 4312 —Quickness vs slowness
- 4314 —Responsiveness vs unresponsive-
ness or aboulia
- 4315 —Gracefulness vs awkwardness
- 4317 —Stereotypy vs variability
- 433 —Apprehension, quality and degree
- 434 —Concentration, quality and degree
- 435 —Imitation, quality and degree
- 436 —Observation, quality and degree
- 437 —Suggestibility, quality and degree
- 44 —MOVEMENTS IN RELATION TO PRO-
DUCTIVENESS
- 441 —Industriousness vs indolence
- 4421 —Alertness vs sluggishness
- 4422 —Decision vs vacillation
- 4424 —Promptness vs procrastination
- 4426 —Punctuality vs tardiness
- 4431 —Deliberateness vs precipitousness
- 4432 —Discretion vs rashness
- 4436 —Carefulness vs carelessness

- 4438 —Accuracy vs inaccuracy
- 4439 —Thoroughness vs superficiality
- 4445 —Coolness in emergency vs loss of head
- 4461 —Resourcefulness vs lack of resource
- 4462 —Practicalness vs impracticalness
- 4463 —Definiteness of purpose vs desultoriness
- 4464 —Orderliness vs disorderliness
- 4465 —Methodicalness vs unmethodicalness
- 4466 —Neatness vs slovenliness
- 4467 —Persistence vs fickleness
- 4468 —Sedentariness vs wandering tendency

45 —SPECIAL ABILITIES

- 451 —Studying
- 452 —Reading (elocution)
- 453 —Chirography
- 454 —Spelling
- 4552 —Literary composition
- 4554 —Language
- 4556 —Sciences
- 4561 —Calculating
- 4562 —Mathematics
- 4563 —Drawing
- 4564 —Modeling
- 4565 —Painting
- 4566 —Singing
- 4567 —Musical composition
- 4571 —Mechanics
- 4572 —Invention
- 4573 —Various professions
- 459 —Athletics, etc.
- 4591 —Shooting
- 4592 —Riding
- 4593 —Rowing
- 4594 —Swimming
- 4595 —Ball-playing
- 45952 —Tennis

- 45954—Golf
 45956—Base-ball
 45958—Foot-ball
 45959—Other sports
 4598 —Chess
 4599 —Other games
 46 —EGOISTIC (temperament)
 4612 —Nervous vs phlegmatic tempera-
 ment
 4614 —Placidity vs irascibility
 4615 —Poise } vs irritability,
 4616 —Calmness } excitability
 4617 —Quietness vs boisterousness
 4621 —Gentleness vs violence
 4622 —Optimism vs pessimism
 4623 —Gratefulness vs ungratefulness
 4624 —Cheerfulness vs despondency
 4626 —Joviality vs melancholia
 4628 —Good naturedness vs illnaturedness
 4632 —Elation vs depression
 4634 —Lightheartedness vs anxiousness,
 worry
 4636 —Alternating mood vs constancy
 4642 —Enthusiasm vs indifference
 4645 —Earnestness vs frivolousness
 4644 —Eagerness } { coolness
 4646 —Keeness } vs { listlessness
 4665 —Brightness vs gloominess
 4666 —Sweetness vs bitterness
 4667 —Contentedness vs querimoniousness
 4668 —Objectiveness vs introspectiveness
 47 —SELF-ASSERTION
 4712 —Dignity, presence vs lack of dignity
 4715 —Independence vs dependence
 4717 —Originality vs imitativeness
 4722 —Firmness vs instability
 4725 —Initiative vs inertness
 4727 —Ambition vs apathy
 4732 —Enterprise vs inadventuresomeness
 4735 —Forwardness vs bashfulness

- 4742 —Courage vs timidity, cowardice
4745 —Pluckiness vs disheartedness
4746 —Self-control vs self-indulgence
4747 —Perseverance vs capriciousness
4748 —Stubbornness vs docility
4749 —Opinionatedness vs diffidence
4750 —Combativeness } vs submissiveness
4751 —Rebelliousness }
4752 —Imperiousness vs slavishness
4755 —Constructiveness vs destructiveness
4757 —Avariciousness vs prodigality
476 —SPEECH TRAITS
4761 —Taciturnity vs volubility
4762 —Conversationableness vs unconver-
sationableness
4763 —Restraint, coldness, vs fire
4764 —Matter - of - factness vs emotional-
ness
4765 —Directness vs discursiveness
4766 —Imagery vs prosaicness
4767 —Anecdoteness vs unanecdoteness
4768 —Wittiness vs dullness
4769 { Satiricalness } vs unsatiricalness
{ Ironicalness }
479 —FORESIGHT
4791 —Thrift vs improvidence
4792 —Caution vs recklessness
4793 —Economy vs extravagance
4794 —Causality vs lack of causality
48 —ALTRUISTIC BEHAVIOR
4812 —Affectionateness (toward children
and animals) vs cruelty
4815 —Sympathy vs callousness
4818 —Tact vs indiscretion
4822 —Sensitiveness vs insensitiveness
4825 —Considerateness vs inconsiderate-
ness
4827 —Civility vs incivility
4828 —Deferentialness vs rudeness
4832 —Politeness vs bluntness

- 4835 —Frankness vs closeness or reticence
- 4837 —Sincerity vs insincerity
- 4838 —Confidence vs suspicion
- 4841 —Breadth vs narrowness
- 4842 —Jealousy vs lack of jealousy
- 4843 —Suspiciousness vs unsuspiciousness,
trustfulness
- 4845 —Self-sacrifice vs selfishness
- 4848 —Forgiveness vs resentfulness
- 4852 —Generosity vs stinginess
- 4853 —Loyalty vs disloyalty
- 4855 —Justice vs arbitrariness
- 4856 —Reasonableness vs unreasonableness
- 4858 —Credulity vs incredulity
- 4862 —Patience vs impatience
- 4865 —Ridicule vs respect
- 491 —BEHAVIOR TOWARD SOCIETY
- 4911 —Sociableness vs unsociableness
- 4912 —Gregariousness vs solitariness or
seclusiveness
- 4913 —Geniality vs ungeniality
- 4914 —Diplomacy vs undiplomacy
- 4915 —Organizing ability
- 4916 —Cooperativeness vs aloofness
- 492 —GENERAL ETHICAL BEHAVIOR; mo-
rality vs immorality
- 4921 —Conscientiousness vs unconscienti-
ousness
- 4922 —Strictness vs laxness
- 4923 —Honesty vs dishonesty (in property
relations)
- 4924 —Truthfulness vs untruthfulness (in
communications)
- 4925 —Obedience vs disobedience
- 4926 —Domesticity vs wildness
- 4927 —Religiousness vs unreligiousness
- 4928 —Piety vs impiety
- 494 —BEHAVIOR IN SEX REALM
- 4941 —Constancy vs fickleness
- 4942 —Amorousness vs frigidness

- 4943 —Chasity vs licentiousness
 4944 —Prudishness vs rakishness
 4945 —Innocence vs impurity

5. SENSE ORGANS

- 52 —TASTE (tongue, see Nutritive System, 625)
 525 —Idiosyncrases
 53 —TOUCH, hypertrophy or atrophy of sense
 532 —Temperature sense
 534 —Weight sense
 54 —SMELL (nose, see Muscular System, 28)
 542 —Hypertrophy of
 544 —Atrophy of
 546 —Idiosyncrases
 55 —HEARING (External auricle, see Muscular System, 29)
 552 —Defects
 5522 —Deafness
 R 5524 —Deaf-mutism
 R 5526 —Otosclerosis
 R 5528 —Catarrhal deafness
 553 —Ménière's disease
 56 —SIGHT, AND ORGAN OF
 560 —General eye weakness
 5602 —Blindness
 5604 —Imperfect sight before 45 years
 5606 —Ophthalmia neonatorum
 561 —EYE-BALL
 5610 —Megalophthalmus
 5611 —Microphthalmus
 D 5613 —Glaucoma
 D 5615 —Myopia
 5616 —Hyperopia
 5617 —Presbyopia
 5618 —Astigmatism
 D 5619 —Coloboma

- 562 —LENS
D 5622 —Cataract
D 5624 —Ectopia
 563 —IRIS
 5630 —Dissimilar
 5632 —Color (See Table II)

TABLE II.
 EYE COLOR. (*Rept. Brit. A. A. Sci., 1908*).

	Pure Blue	Light	Blue (all shades inc. darkest blue)
			Bluish gray Light gray Lightest green
BLUE		Dark	Very light hazel Yellow Green (most shades) Hazel gray Dark gray Brownish gray and all uncertain colors
BROWN	Brown Black		Brown Dark brown Black

- R** 56321—Blue (Record matings: blue x blue)
 56322—Blue margin and brown center
D 56323—Brown
D 56324—Black
 56325—Yellow blue or green
R 56326—Reddish brown
 5634 —Cornea
D 56345—Degeneracy
 564 —RETINA AND OPTIC NERVE
D 5642 —Atrophy optic nerve
D 5644 —Retinitis pigmentosa
D 5646 —Nightblindness
D 5648 —Colorblindness
 565 —EYE MUSCLES
D 5652 —Nystagmus
 5654 —Paralysis of
 * 5656 —Cross-eye
D 5658 —Squint

6. NUTRITIVE SYSTEM

- 60 —GENERAL
- 609 —General diseases
- 6092 —Malnutrition
- 6094 —Dyspepsia
- 6095 —Constipation
- 61 —TEETH
- 611 —Absence of 2d dentition
- 612 —Supernumerary teeth
- 613 —Third dentition
- 615 —Absence of teeth
- 6152 —General
- 6154 —Incisors
- 6156 —Canines
- 6157 —Bicuspid
- 6158 —Molars
- 616 —Abnormal shape and size
- 617 —Abnormal tooth structure
- 6172 —Enamel
- 61722—Thick
- 61724—Thin (black teeth)
- 61726—Soft
- 61727—Hard
- 61728—Absent
- 6174 —Dentine
- 61741—Hard
- 61742—Soft
- 62 —MOUTH
- 621 —Jaw
- 6212 —Wide in front
- 6214 —Compressed in front
- 6216 —Triangular
- 622 —Palate
- 6222 —Low and flat
- 6224 —Keeled
- 6226 —High
- 6228 —Cleft
- 623 —Hare lip
- 624 —Uvula

- 6242 —Elongated
- 6245 —Malformed
- 625 —Tongue (speech, see Nervous Sys-tem, 319)
- 6252 —Congenital malformation
- 6255 —Hypertrophy
- 6257 —Atrophy
- 626 —Pharynx
- 6261 —Congenital malformation
- 6263 —Tuberculosis of (enter under 09313)
- 6264 —Tonsilitis
- 6265 —Throat trouble
- 6266 —Adenoid growth
- 63 —OESOPHAGUS
- 632 —Congenital malformation
- 635 —Stricture of
- 65 —Stomach
- 651 —Congenital malformation
- 652 —Perversion of appetite
- 653 —Gastritis
- 655 —Ulceration
- 656 —Catarrh
- 66 —Intestine
- 661 —Congenital malformation of
- 662 —Diarrhea, infantile (under 2 years)
- 663 —Diarrhea (over 2 years)
- 664 —Dysentery
- 665 —Enteritis
- 666 —Appendicitis
- 67 —LIVER AND GALL BLADDER
AND DUCT
- 671 —Atrophy
- 672 —Cirrhosis
- 673 —Fatty
- 674 —Functional derangement
- 676 —Biliary calculi—gall stones
- 677 —Cholangitis
- 678 —Jaundice
- 679 —Cholecystitis

- 68 —RECTUM
- 681 —Hemorrhoids—piles
- 682 —Fistula in rectum
- 683 —Fistula in ano
- 69 —Pancreas

7. RESPIRATORY SYSTEM

- 70 —General
- 71 —MUCOUS MEMBRANE DISEASES

- 712 —Colds—rhinitis (Record families with liability in all children)
- 713 —Catarrh (Record families with liability in all children)

- 714 —Nasal-tumor

- 717 —Hay fever

- D 718 —Epistaxis—nose-bleed

- 719 —Sinusitis

- 72 —LARYNX

- 721 —Laryngitis

- 722 —Aerocele—open gillslits

- 723 —Tuberculosis of (enter under 09313)

- 724 —Congenital malformation

- 725 —Vocal cords

- 73 —LUNG

[tuberculosis; enter under tuberculosis, 0931]

- 732 —Emphysema

- 734 —Pneumonia (Record all persons affected over 2 times; and all families with over 3 persons affected). When possible differentiate the kind of pneumonia.

- 74 —BRONCHI AND TRACHEA

- 742 —Acute bronchitis

- 744 —Chronic bronchitis

- 746 —Asthma

- 75 —Pleurisy

- 76 —Pulmonary congestion

- 77 —Gangrene of lung

8. CIRCULATORY SYSTEM

- 80 —GENERAL
- 802 —Congenital malformations
- 804 —“Heart disease” (Record all fam.
with over 2 persons affected)

81 —BLOOD

- D 8102 —Hemophilia
- 8103 —Leukæmia (enter under 0853)
- 8104 —Progressive pernicious anemia
(enter under 08542)

8106 —Anemia, simple (enter under 0854)

8108 —Chlorosis (enter under 08544)

82 —HEART

8211 —Congenital malformation of

8212 —Functional enlargement

8214 —Palpitation

8216 —Anguina pectoris

8218 —Pericarditis

822 —Endocarditis, chronic

823 —Endocarditis, acute

825 —Aneurysm

826 —Myocarditis

827 —Fatty degeneration

828 —Rupture

829 —Embolism coronary artery

83 —VESSELS — ARTERIES AND
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831 —Congenital malformation

832 —Aneurysm

833 —Atheroma

834 —Arteriosclerosis

836 —Embolism and thrombosis

837 —Varicose veins, by site

838 —Inflammation of veins, phlebitis

85. LYMPHATIC SYSTEM

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8504 —Peritonitis

85042—General

85044—Local

86 —Spleen

862 —Splentitis

R 864 —Enlargement of

87 —Thymus gland

88 —Thyroid gland

R 882 —Cretinism (see also 024)

884 —Goitre

[exophthalmic goitre; see 0851]

888 —Myxædema

9. EXCRETORY SYSTEM

90 —GENERAL

901 —Excretions

R 902 —Alkaptonuria

903 —Chyluria

904 —Cystinuria

906 —Hematuria

907 —Hemoglobinuria

908 —Albuminuria

909 —Pyuria

91 —KIDNEY

910 —Congenital malformations of

911 —Nephroptosis—displacement of
kidney

913 —Nephritis, acute

914 —Bright's disease

915 —Renal calculus—stone in kidney

92 —BLADDER

920 —Congenital malformation

922 —Calculus

923 —Cystitis

924 —Fistula

925 —Retention of urine

926 —Suppression of urine

927 —Incontinence of urine

93 —URINARY PASSAGES

932 —Ureter

9322 —Calculus

9324 —Stricture

- 934 —Urethra
- 9432 —Congenital malformation
- 9344 —Calculus
- 9346 —Stricture

94. REPRODUCTIVE SYSTEM

- 940 —GENERAL
- 941 —Functional disturbances
- 9411 —Impotence
- 9412 —Sterility
- 9413 —Masturbation—self-abuse
- 9414 —Amenorrhea
- 9415 —Dysmenorrhea
- 9416 —Menorrhagia
- 9417 —Climacteric—menopause
- 943 —FEMALE ORGANS
- 9432 —Congenital malformation
- 9434 —Ovary
- 94342—Displacement
- 94344—Ovaritis
- 94346—Cysts and tumors
- 94348—Removal of ovary by operation
- 9436 —Uterus
- 94362—Congenital malformation
- 94364—Displacement
- 94366—Laceration of
- 9438 —Vagina
- 94382—Congenital malformation
- 945 —MALE ORGANS
- 9451 —General
- 94515—Hermaphroditism
- 9452 —Testis
- 94522—Cryptorchism
- 94524—Partial
- 94527—Complete
- 9453 —Prostate gland
- 94532—Enlargement
- 94534—Calculus
- 9454 —Penis
- 94542—Circumcision

96. THE PUERPERAL STATE

- 960 —General
- 962 —Accidents of pregnancy
- 9621 —Abortion
- 9622 —Miscarriage
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- 9626 —Tubal pregnancy
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- 964 —Accidents of labor
- 9641 —Cæsarean section
- 9642 —Forceps application
- 9643 —Breech presentation
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- 9645 —Symphysectomy
- 9646 —Difficult labor
 - [Rupture of uterus (see 94366)]
- 965 —Puerperal septicæmia
- 9652 —Puerperal albuminuria
- 9653 —Puerperal phlegmasia
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 - (3160 Puerperal insanity—see Nervous System, 3160)

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The Eugenics Record Office

Cold Spring Harbor, Long Island, N. Y.

ESTABLISHED in connection with the Eugenics Section of the American Breeders Association in 1910, this office aims to fill the need of a clearing-house for data concerning "blood lines" and family traits in America. It is accumulating and studying records of physical and mental characteristics of human families to the end that the people may be better advised as to fit and unfit marriages. It issues blank schedules (sent on application) for the use of those who wish to preserve a record of their family histories.

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